

C L A I M S

1. Process for manufacturing a product from strip tape, in particular a medicinal and/or active substance-containing product such as, for example, a dermal or transdermal patch or another administration form, for example for oral application, as well as fillable containers or sealed-margin bags,

characterized in that

- a roll of material (1) with a broad web of material (2) is mounted, loosely rotatable, on a take-up mandrel (3),

- a web of material (2) is drawn, in its entire width and without subjecting the material to tensile stress, from the roll of material (1) by means of a vacuum roll (4), and is separated in the process into individual strips (6) in the negative pressure zone of the vacuum roll (4) by rolling a multiple circular knife roll (5),

- at the end of the negative pressure zone of the vacuum roll (4), each strip (6) is drawn from the said vacuum roll (4) and is introduced in a take-up channel (7) and continuously conveyed therein by means of negative pressure, 112-158
Not in drawing

- in the process, each strip (6) is turned on its way to the channel or through the channel (7) by about 90°, and

- at the end of the channels (7) the strips (6) are led one upon the other, at least two at a time, and thereafter conveyed further in a, preferably open,

112-13m
No drawing

groove for further processing under completion to form the finished medicinal and/or active substance-containing product or fillable containers or sealed-margin bags in a conversion equipment where the products are finished.

if this is considered to be a positive limitation then it is not 83

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2. Process according to Claim 1, characterized in that as broad webs of material, sheet-like materials are used.

limitation
long.

3. Process according to Claim 1, characterized in that as broad webs of material, active substance-containing sheet-like administration forms are used.

4. Process according to Claim 1, characterized in that for drawing the web of material (2) and separating the same into strips (6) in cooperation with a multiple circular knife roll (5) there is used instead of a vacuum roll, a smooth stripping roll (8) which in a zone in which the material web (2) travels around the roll cooperates with a pressure roll (10) and a guide roll (11).

112, 4th
2nd
112/

5. Device for manufacturing a product from strip tape, especially a medicinal and/or active substance-containing product such as, for instance, a dermal or transdermal patch or another administration form, for example for oral application, as well as fillable containers or sealed-margin bags, especially for carrying out the process according to the invention,

characterized in that:

- as a means for drawing off and separating the web of material (2) a vacuum roll (4) is provided, in whose web-travelling zone the web of material (2), held by the negative pressure, can be severed into individual strips

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(6) in cooperation with the multiple circular knife roll (5),

5 - to each strip (6) there is associated a vacuum conveyor channel (12) which is designed such that each strip (6) is turned on its way to the channel or through the channel (12) by about 90°, and

10 - the ends of all the take-up channels (12) are brought together at one site to form a unit and that at that site there are provided guide means and transport means for the further transport to a conversion equipment.

20 6. Device according to Claim 5, characterized in that as means for drawing the web of material (2) and for transport during the separation into strips (6) in cooperation with a multiple circular knife roll (5), there is provided instead of a vacuum roll, a smooth stripping roll (8) arranged in a zone where the web of material (2) travels around the roll and adapted to cooperate with a pressure roll (10) and a guide roll (11).